

# Annual Noxious Weed Eradication Progress Report 2020

as required by KSA 2-1316



## Gray County Noxious Weed Dept

Noxious Weed Supervisor:

**Tim Brown**

### Noxious Weed Department Personnel

Name	Job Title	% Time Spent on Noxious Weeds	Weed Director Salary
TIM BROWN	WEED DIRECTOR	100	\$3,187.50
CHRIS SHRINER	Helper	20	
STEVE TOMPSON	Helper	25	

### Financial Summary - Noxious Weed Fund

	Amount
Mil levy for 2020	0.987
County valuation for 2020	\$110,572,983.00
Beginning Budget Balance for 2020	\$155,000.00

### Revenues

Chemical Sale	\$41,800.83	
Chemical Sale	\$73,015.79	
Total Revenue		\$114,816.62

### Expenditures

Chemical	\$113,748.58	
Commodities	\$18,583.32	
Contractual	\$6,334.17	
Total Expenditures		\$138,666.07

**Ending Budget Balance \$0.00**

Carryover to next year's budget for 2020 to 2021 \$89,349.72

### Capital Outlay Fund

	Amount
Beginning Balance	\$36,317.00
Receipts	\$0.00
Expenditures	\$0.00
<b>Ending Balance</b>	<b>\$36,317.00</b>



# Annual Noxious Weed Eradication Progress Report

## Gray County Noxious Weed Dept

Year

2020



### Estimated Acreage of Noxious Weeds

Noxious Weed	Private	County	Township	State	Federal	City	Total
Bull Thistle	1.1						1.1
Bur Ragweed	6433.7	500.0	1.0	30.0	5.0	3.0	6972.7
Field Bindweed	18365.6	1200.0	5.0	600.0	20.0	10.0	20200.6
Hoary Cress				0.1			0.1
Johnsongrass	3386.1	150.0			10.0	1.0	3547.1
Musk Thistle	711.2	0.5		0.0	0.1	1.0	712.8
SERICEA LESPEDEZ	0.0						0.0
Totals	28897.7	1850.5	6.0	630.1	35.1	15.0	31434.4

### Estimated Acreage of Noxious Weed on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Bull Thistle					0.5	0.6				1.1
Bur Ragweed	1516.8	321.4	43.2	470.3	1600.0	1159.5	522.5	750.0	50.0	6433.7
Field Bindweed	1110.8	500.0	76.8	700.0	4200.0	4645.3	1323.6	5609.1	200.0	18365.6
Johnsongrass	128.9	557.5	67.8	268.0	609.2	484.4	159.2	1061.1	50.0	3386.1
Musk Thistle	0.1				200.0	455.7	50.1	0.3	5.0	711.2
SERICEA LESPEDEZ					0.0					0.0
Totals	2756.6	1378.9	187.8	1438.3	6609.7	6745.5	2055.4	7420.5	305.0	28897.7

Weeds declared Noxious by the County:

Multiflora Rose ☐

Bull Thistle ☐

### Herbicide Disbursement Summary

Chemical	Purchase Price	Cost Share Price	Total Disbursed
2-4 D Amine	\$14.14	\$10.60	473.317 gal
2-4 D Ester	\$16.88	\$12.66	241.195 gal
2-4 D, DICAMDA	\$45.00	\$35.00	2.500 gal
Aminopyrrolid	\$76.92	\$57.69	30.962 QT
Dicamba	\$32.49	\$24.37	40.000 gal
Glyphosphate	\$15.00	\$11.25	21.000 gal
IMAZAPIC	\$104.49	\$78.37	20.062 gal
MCPA+TRICLOPYR+ Dicamba	\$67.88	\$50.89	10.000 gal
Pendimethlone:N-ETHYLPORPYL-3,4-DIMETHYL-2,6-DINI	\$63.65	\$47.74	15.000 gal
Picloram	\$45.19	\$33.89	577.429 gal
QUINCLORAC	\$163.70	\$122.78	331.240 gal
Simazine	\$15.50	\$11.63	2.500 gal
Sulfometuron Mythl	\$2.57	\$1.80	250.066 oz



## Enforcement Summary

Warning Notices	0
Legal Notices	0
Court Cases	0

Diversion Agreements	0
Accounts to Tax Roll	0
Meetings Sponsored	0

Demonstration Plots	0
Feed and Hay Inspection	0
Publish General Notice	1

Enforcement Comments:

We certify this is a correct copy of the Gray County Noxious Weed Dept Program for 2020

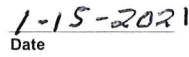
We certify that Tim Brown is employed as Gray County Noxious Weed Dept Director for 2021

  
Chairman, Board of County Commissioners

  
Date

\_\_\_\_\_  
County Commissioner Date

  
County Commissioner

  
Date

\_\_\_\_\_  
County Commissioner Date

\_\_\_\_\_  
County Commissioner

\_\_\_\_\_  
Date

\_\_\_\_\_  
County Noxious Weed Director Date



# Annual Noxious Weed Eradication Progress Report

## Treatment Summary

### Gray County Noxious Weed Dept

#### Acres Treated

Noxious Weed	Private	County	Township	State	Federal	City	Cost Share	Total
Field Bindweed	6565.754	939.87		813.77				8319.394
Johnsongrass	0	103		62				165
Musk Thistle	233.8098							233.8098
Totals	6799.5638	1042.87		875.77				8718.2038

#### Acres Treated on Private Land sub-section

Noxious Weed	Wheat	Corn	Soybean	Grain	CRP	Pasture	Other	Fallow	Non-Ag	Total
Field Bindweed	20				305.4	115.663	73	5974.691	77	6565.754
Johnsongrass					0					0
Musk Thistle					10.859	217.9508	2		3	233.8098
Totals	20				316.259	333.6138	75	5974.691	80	6799.5638



# Annual Noxious Weed Eradication Progress Report

Gray County Noxious Weed Dept

2020 ★

## Field Bindweed

Enforcement	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Warning Notice													0
Legal Notice													0
Court Cases													0
Diversion Agreements													0

Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
County													
Private CRP				10.0	240.3	116.2	322.5	48.3	18.3	174.2	10.0		939.9
Private Fallow					22.0			283.4					305.4
Private Non-Ag					480.0	92.0	1124.7	3440.2	357.8	480.0			5974.7
Private Other				0.0	1.0		1.0	75.0					77.0
Private Pasture			52.0		10.0						11.0		73.0
Private Wheat				6.0	13.3	43.0	50.3		3.0				115.7
State								20.0					20.0
							120.5	241.7	415.8	35.8			813.8
Total Acreage	52.0		16.0	766.7	251.2	1619.0	4108.6	794.9	690.0	21.0			8319.4

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
2-4 D Amine				0.0	0.0		0.0	0.0					0.0
2-4 D Amine or LV Ester									256.0				256.0
2-4 D CHOLINE						3.0	13.0	10.0	3.0				29.0
Dicamba						40.0							40.0
Dicamba + 2-4 D			52.0										52.0
Dicamba + 2-4 D+Picloram								240.0					240.0
Dicamba +TORDON								40.0					40.0
Glyphosate					10.0								10.0
Imazapic				6.0									6.0
IMAZAPIC 24D											11.0		11.0
Pictuream					480.0	40.0	800.0			160.0			1480.0
Pictuream + 2-4 D				10.0	265.7	136.2	655.7	480.1	505.9	530.0	10.0		2593.5
Quinclorac					1.0	32.0	113.0	3328.5	26.7				3501.2
QUINCLORAC 24D							37.3	10.0					47.3
QUINCLORAC LV6									3.3				3.3
TORDON1PT LV6 MILESTONE ESCO					10.0								10.0
Total Acreage	52.0	16.0	766.7	251.2	1619.0	4108.6	794.9	690.0	21.0				8319.4



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## Johnsongrass

Enforcement	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Warning Notice													0
Legal Notice													0
Court Cases													0
Diversion Agreements													0

Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December	Totals
County						15.0	40.0	16.0		24.0	8.0		103.0
Private CRP							0.0						0.0
State								32.0	22.0	8.0			62.0
Total Acreage						15.0	40.0	48.0	22.0	32.0	8.0		165.0

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Glyphosate						7.0							7.0
Imazapic						8.0	32.0	16.0		32.0	8.0		96.0
PANORAMIC							8.0	32.0	22.0				62.0
Total Acreage						15.0	40.0	48.0	22.0	32.0	8.0		165.0



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## Musk Thistle

Enforcement	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Warning Notice													0
Legal Notice													0
Court Cases													0
Diversion Agreements													0

Acreage Treated	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
Private CRP					2.5	7.4	1.0						10.9
Private Non-Ag						3.0							3.0
Private Other						2.0							2.0
Private Pasture					54.0	139.0	12.0			13.0			218.0
Total Acreage					56.5	151.3	13.0			13.0			233.8

Approved Herbicides and Methods	January	February	March	April	May	June	July	August	September	October	November	December:	Totals
2-4 D Amine or LV Ester					16.5		1.0						17.5
24D LV6 Tordon pt										5.0			5.0
MILESTONE ESCORT						80.0							80.0
MILESTONE ESCOURT TORDON 1PT						57.1	12.0						69.1
MILESTONE LV6 GARDIAN										8.0			8.0
Picloram					40.0								40.0
Picloram + 2-4 D						0.5							0.5
Tordon 24D Escort Milestone						13.7							13.7
Total Acreage					56.5	151.3	13.0			13.0			233.8



# Noxious Weed Survey Worksheet

## Gray County Noxious Weed Dept

2020 ★

Bur Ragweed	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Private ALFALFA					0.262			0.3486	0.592				0.854
Private Corn					5.2235			0.3486	3.789				9.3611
Private CRP			2.052		18.25			3	13.5				36.802
Private Fallow			1.132		10.786			4.0535	14.625				30.5965
Private Grain Sorghum					3.972			0.6425	0.471				5.0855
Private Other			0.285		11				1.5				12.785
Private Pasture			10.031		20			7	12				49.031
Private Soybean					0.125			0.012					0.137
Private Wheat			0.024		0.685								0.709
Total Acreage Infested			13.524		70.3035			15.0566	46.477				145.3611
City	Total Acreage Infested	Acres Surveyed		County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note					
County		19415.25		459120	0.0	3.0	3.0						
Federal					0.0	500.0	500.0						
Private ALFALFA					0.0	5.0	5.0						
Private Corn					20.2	100.0	120.2						
Private CRP					221.4	100.0	321.4						
Private Fallow					870.3	729.7	1600.0						
Private Grain Sorghum					723.5	26.5	750.0						
Private Non-Ag					120.3	350.0	470.3						
Private Other					0.0	50.0	50.0						
Private Pasture					302.3	100.0	402.3						
Private Soybean					1159.5	0.0	1159.5						
Private Wheat					3.2	40.0	43.2						
State					16.8	1500.0	1516.8						
Township					0.0	30.0	30.0						
					0.0	1.0	1.0						
	145.4	Total Estimated Acreage			3437.5	3535.2	6972.7						



# Noxious Weed Survey Worksheet

## Gray County Noxious Weed Dept

2020 ★

Bull Thistle	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Private CRP					0.012			0.008					0.02
Private Pasture					0.012			0.012					0.024
Total Acreage Infested					0.024			0.02					0.044

	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note	
Private CRP	0.0	19415.25	459120	0.5	0.0	0.5		
	0.0			0.6	0.0	0.6		
Private Pasture	0.0			Total Estimated Acreage		1.1	0.0	1.1



# Noxious Weed Survey Worksheet

## Gray County Noxious Weed Dept

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Field Bindweed	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Private ALFALFA					0.25				0.75				1
Private Corn					42.5			6.5	28.9075				77.9075
Private CRP					40			17	33				90
Private Fallow					36.012			16.163	54				106.175
Private Grain Sorghum					21.3365			1.512	2.4375				25.286
Private Other					39				3.5				42.5
Private Pasture			0.25		49			46	35				130.25
Private Soybean					0.25			0.25					0.5
Private Wheat					4.6875								4.6875
Total Acreage Infested					0.25			87.425	157.595				478.306
					233.036								
City	Total Acreage Infested	Acres Surveyed		County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note					
		19415.25	459120										
County					0.0	10.0	10.0						
Federal					0.0	1200.0	1200.0						
Private ALFALFA	1.0				0.0	20.0	20.0						
Private Corn	77.9				23.6	100.0	123.6						
Private CRP	90.0				1842.3	-1342.3	500.0						
Private Fallow	106.2				2128.3	2071.7	4200.0						
Private Grain Sorghum	25.3				2510.8	3098.3	5609.1						
Private Non-Ag					597.9	102.1	700.0						
Private Other	42.5				0.0	200.0	200.0						
Private Pasture	130.3				1005.0	195.0	1200.0						
Private Soybean	0.5				3080.1	1565.2	4645.3						
Private Wheat	4.7				11.8	65.0	76.8						
State					110.8	1000.0	1110.8						
Township					0.0	600.0	600.0						
					0.0	5.0	5.0						
	478.3				11310.6	8890.0	20200.6						
		Total Estimated Acreage											



# Noxious Weed Survey Worksheet

## Gray County Noxious Weed Dept

2020 ★

Johnsongrass	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Private ALFALFA									0.00625				0.00625
Private Corn					9.537			4.012	5.7983				19.3473
Private CRP					12			3.762	10				25.762
Private Fallow			0.3125		7.6105			2.536	9.038				19.497
Private Grain Sorghum					1.442			0.52	0.9116				2.8736
Private Other					1.5				1				2.5
Private Pasture					3.75				5				10.75
Private Soybean								0.12	2				0.12
Private Wheat					1.2235								1.2235
Total Acreage Infested			0.3125		37.063			15.95	28.75415				82.07965

City	Total Acreage Infested	Acres Surveyed	County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment	Note
County		19415.25	459120	0.0	1.0	1.0	
Federal				0.0	150.0	150.0	
Private ALFALFA	0.0			0.0	10.0	10.0	
Private Corn	19.3			457.5	5.0	5.1	
Private CRP	25.8			100.0	100.0	557.5	
Private Fallow	19.5			609.2	0.0	609.2	
Private Grain Sorghum	2.9			461.1	600.0	1061.1	
Private Non-Ag				68.0	200.0	268.0	
Private Other	2.5			0.0	50.0	50.0	
Private Pasture	10.8			59.1	95.0	154.1	
Private Soybean	0.1			254.2	230.2	484.4	
Private Wheat	1.2			2.8	65.0	67.8	
				28.9	100.0	128.9	
	82.1		Total Estimated Acreage	1940.9	1606.2	3547.1	



# Noxious Weed Survey Worksheet

## Gray County Noxious Weed Dept

2020 ★

Musk Thistle	January	February	March	April	May	June	July	August	September	October	November	December	Totals
Private Pasture					0.012			0.008					0.02
Total Acreage Infested					0.012			0.008					0.02
City	Total Acreage Infested	Acres Surveyed		County Acres	Estimated Acreage	Weed Director's Adjustment	Acreage After Adjustment		Note				
County		19415.25		459120	0.0	1.0	1.0						
Federal					0.0	0.5	0.5						
Private ALFALFA					0.0	0.1	0.1						
Private CRP					0.0	0.1	0.1						
Private Fallow					717.4	-517.4	200.0						
Private Non-Ag					0.0	0.3	0.3						
Private Other					0.0	5.0	5.0						
Private Pasture	0.0				0.0	50.0	50.0						
Private Wheat					0.5	455.2	455.7						
					0.0	0.1	0.1						
State					0.0	0.0	0.0						
	0.0	Total Estimated Acreage			717.9	-5.1	712.8						